

SUBMITTAL DATA

GMV-ND36A/B-T(U) for use with VRF Outdoor Unit
36000 BTU/H Multi-Position Air Handler Unit

Job Name	Location	Date
Purchaser	Engineer	
Submitted to	For	
Unit Designation	Schedule No.	



GMV-ND36A/B-T(U)



XE70

GENERAL FEATURES

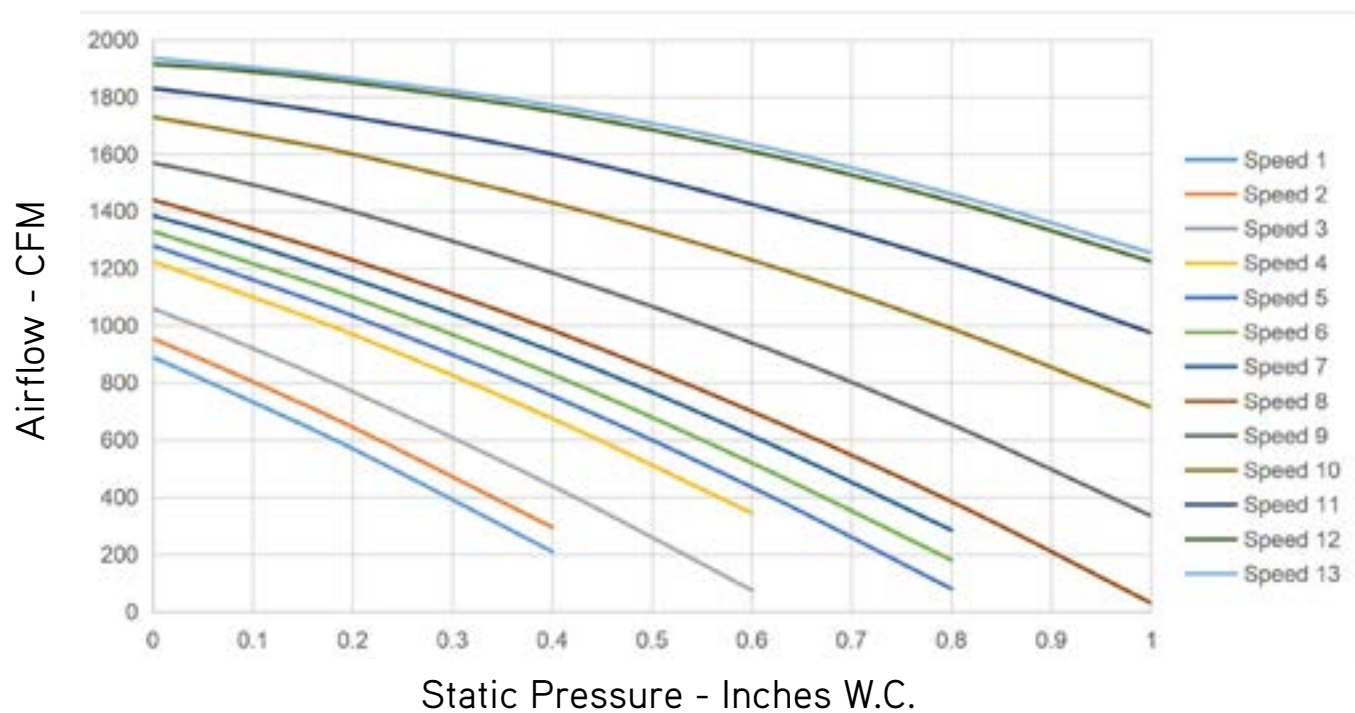
- Multi Position Air Handler W/ Multiple Fan Speed
- DC Inverter Motor
- Multiple Protections
- Ultra-low Noise Operation
- Up to 1.0 In W.C. Static Pressure
- Electric Heater Options
- XE70 Wired Controller Included
- Performance Based on Outdoor Unit
- Coil - Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Tested

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SPECIFICATIONS		GMV-ND36A/B-T(U)		
System Type		HEAT PUMP		
SYSTEM PERFORMANCE				
Cooling	Nominal	Btu/h	36000	
	Capacity @95°F	Btu/h		
Heating	Nominal	Btu/h	40000	
	Capacity @5°F	Btu/h		
	Capacity @17°F	Btu/h		
	Capacity @47°F	W		
SEER2		System Performance Based on the Connected Outdoor Unit Performance		
EER2				
HSPF2				
COP @5°F				
COP @47°F				
Cooling Temperature Range				°F
Heating Temperature Range				°F
Refrigerant Type		R410A		
INDOOR UNIT		GMV-ND36A/B-T(U)		
Air flow (Min-Max)		CFM	970 - 1230	
External Static Pressure (Default / Min - Max)		In W.c.	0.2 / 0-1.0	
Sound Pressure Level (Min - Max)		dB(A)	42 - 45	
Electric Heater (Optional)		kW	5, 8 , 10, 15, 20	
Condensate Drain Size (OD)		in	1	
External Dimensions (WxHxD)		in	18-1/8 x 43-1/2 x 21-1/4	
Package Dimension (W x H x D)		in	20-3/8 x 46-1/8 x 24-3/8	
Net Weight		lbs	159	
Gross Weight		lbs	170	
REFRIGERANT PIPING				
Line Set Sized by the Indoor Unit (Liquid - Gas)		in	3/8 - 5/8	
ELECTRICAL				
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
MCA		A	5	
MOCP		A	15	

FEATURES & FUNCTIONS SUMMARY	GMV-ND36A/B-T(U)
SYSTEM FEATURES	
Wired Controller Interface	Yes
WiFi Included	No
Easy Service Access	Yes
Indoor Fan Type	Centrifugal
Multi Fan Speeds	3 Speeds
Indoor Unit Display	No
Electrical Heater	Yes
Ventilation (Outdoor Air)	No
REMOTE CONTROLLER FUNCTIONS	
Auto Mode	Yes
Auto Fan	Yes
Auto Swing (Horizontal Auto Swing)	NO
Auto Swing - 180° (Vertical Auto Swing)	Yes
Clock	Yes
Dry Mode	Yes
Dry Anti-Mildew (X-Fan) Mode	Yes
Energy Saving Mode	Yes
Dirty Filter Alert	No
Fan Speed Control (7 Speeds)	Yes
I Feel Function	Yes
Privacy Lock	Yes
Quiet Mode	Yes
Room Temperature Display	No
Sleep Mode	Yes
3 Sleep Mode Options	Yes
Timer Mode	Yes
Turbo Mode	Yes
Display On/Off Control	Yes
Freeze Guard Mode	Yes
Power Failure Mode	Yes

FAN PERFORMANCE

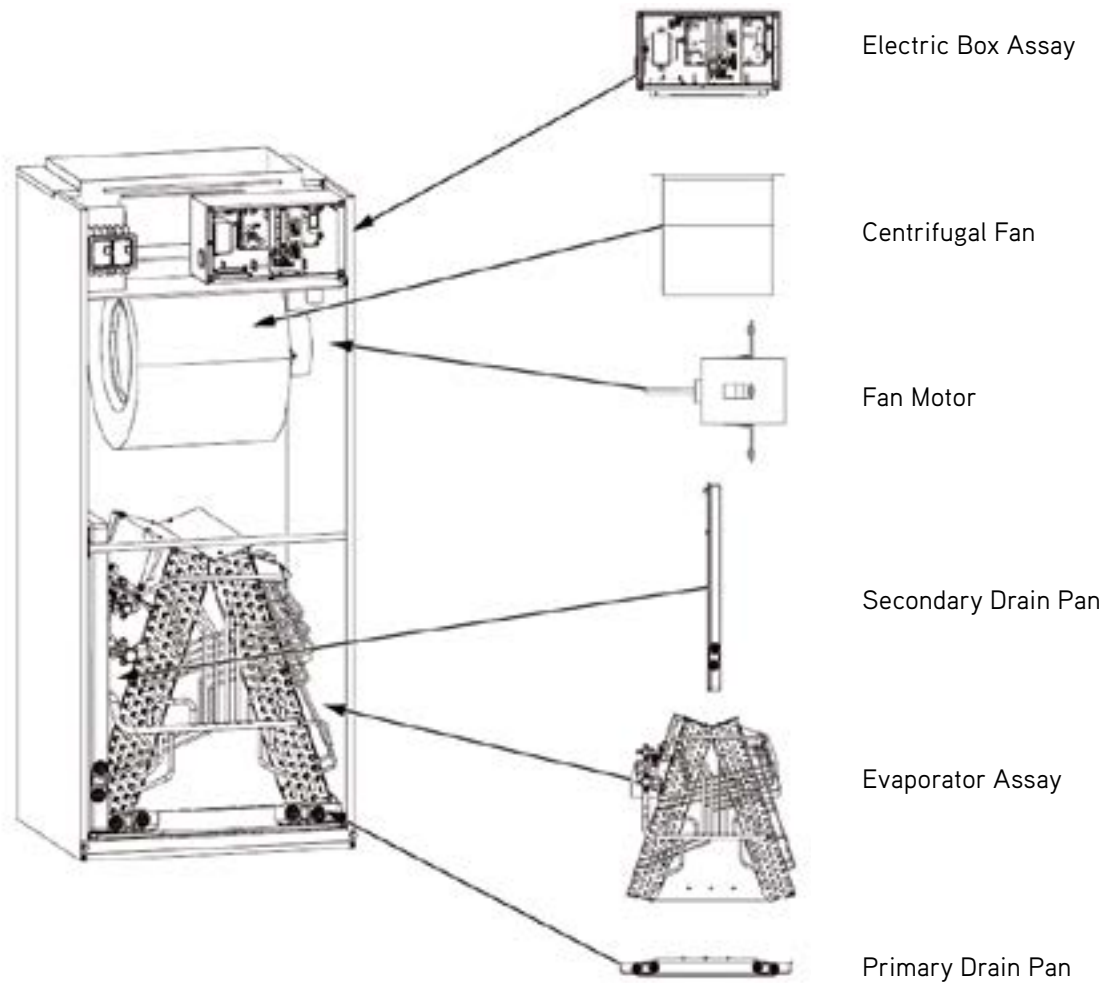


MODEL	GMV-ND36A/B-T(U)						
Level	Static Pressure (Inches. W.G.)						
	0	0.08	0.2	0.4	0.60	0.8	1
Speed 1	890						
Speed 2	955						
Speed 3	1060	950					
Speed 4	1225	1125	970				
Speed 5	1280	1185	1035				
Speed 6	1330	1240	1100				
Speed 7	1385	1305	1165	910			
Speed 8	1440	1360	1230	985			
Speed 9	1570	1510	1400	1185	940		
Speed 10	1730	1680	1600	1430	1230	990	
Speed 11	1830	1795	1730	1600	1425	1220	975
Speed 12	1915	1895	1850	1750	1610	1435	1225
Speed 13	1935	1910	1865	1770	1635	1460	1255

NOTE:

The design range of the units air volume is from 970~1230 CFM. The units would be damaged if they are used out of range.

ACCESSORY HEATER AND GENERAL INFORMATION



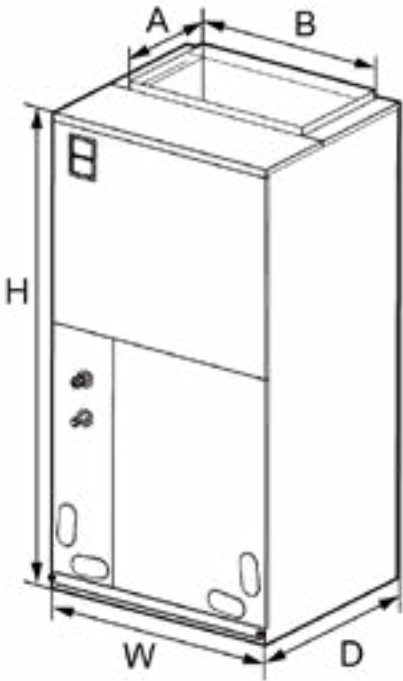
MODEL	Heat Kit Model	Electric Heat (kW)		Min. Circuit Ampacity (A)		Max. Fuse or Breaker (A)	
		208V	240V	208V	240V	208V	240V
GMV-ND36A/B-T(U)	FLEXXHTR5KW	3.74	5	22.6	26	25	30
	FLEXXHTR8KW	6.03	8	36	41.7	40	45
	FLEXXHTR10KW	7.49	10	45	52	45	60
	FLEXXHTR15KW	11.25	15	45 & 22.6	52 & 26	45 & 25	30 & 60
	FLEXXHTR20KW	7.49	9.2	45 & 45	52 & 52	45 & 45	60 & 60

DIMENSIONS & CLEARANCES

INDOOR UNIT

Unit: inch

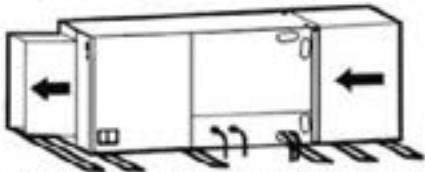
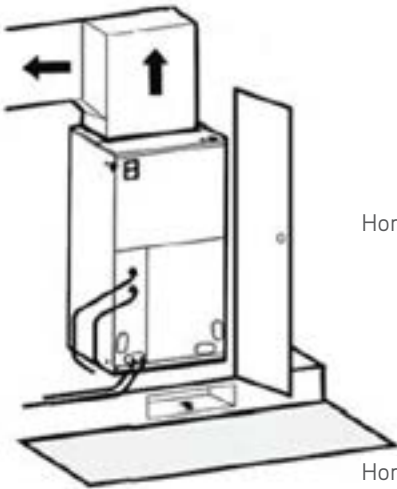
GMV-ND36A/B-T(U)	
DIMENSIONS	
W	21-1/4
D	21-1/4
H	48-1/4
A	11-5/8
B	20



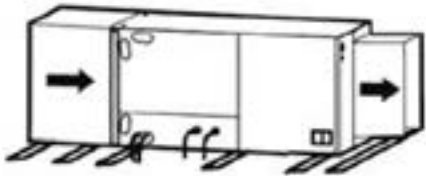
INDOOR UNIT

Minimum clearance

FRONT	> 24
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Horizontal Left Configuration - No Modification Needed



Horizontal Right Configuration - Must Relocate Drain Pan

NOTE:

Allow a minimum of 24" in front of the unit for service clearance. When installing in an area directly over a finished ceiling (such as an attic), an emergency drain pan is required directly under the unit. **See local and state codes for requirements.** When installing this unit in an area that may become wet, elevate the unit with a sturdy, non-porous material. In installations that may lead to physical damage (i.e. a garage) it is advised to install a protective barrier to prevent such damage. This air handler is designed for a complete supply and return ductwork system.



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